

PUBLIC HEALTH ACT, 1875

# ANNUAL REPORTS

OF THE MEDICAL OFFICER  
OF HEALTH and SANITARY  
INSPECTOR OF THE URBAN  
DISTRICT OF WHITWORTH  
During 1940

WHITWORTH :

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# THE HEALTH COMMITTEE

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CHAIRMAN—COUNCILLOR F. HILL

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F. HOLT, J.P.

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A. HARGREAVES

MRS. ISABELLA HEYS

*Medical Officer of Health :*

DR. J. W. MCKINNEY, M.B., CH.B., DP.H.

*Sanitary Inspector and Housing Inspector :*

MR. F. COOKSON, M.S.I.A.

*Clerk :* MISS JULIE NOLAN

*Clerk and Solicitor to the Council :*

MR. H. HOYLE



# WHITWORTH URBAN DISTRICT.

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## Annual Report of the Medical Officer of Health for the year ended 31st December, 1940.

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*To the Chairman and Councillors of the Urban District of  
Whitworth.*

GENTLEMEN :

I have the honour of presenting to you my Second Annual Report which is still curtailed owing to prevailing conditions.

The Health of the District during the period under review has been satisfactory, there having been no epidemics in spite of the influx of Evacuees

The Infectious Disease Table shows an increase in the number of cases of Measles and Whooping Cough, these two diseases having been made notifiable during the year.

The Death Rate for the year shows a big increase, this being in the older age groups.

The Infantile Mortality also shows an increase, but this only represents one additional death on a slightly reduced Birth Rate as compared with 1939.

I take this opportunity of expressing my thanks to the Committee, my Colleagues and in particular Mr. Cookson for their unfailing support.

I am,

Yours faithfully,

JAMES W. McKINNEY, M.B., Ch.B., D.P.H.

*Council Offices, Whitworth,  
14th November, 1941.*

# STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres ..... 4,483

Population—Census, 1931 ..... 8,360

Registrar-General's estimate of resident popu-  
lation, 1940 ..... 7,312

Rateable value.....£33,406

Sum represented by a penny rate .....£125 0s 0d.

Social conditions, including the chief industries carried on in the area :—An Industrial Area : Cotton Spinning and Weaving ; Stone Quarrying ; Dairy Farming ; Shuttle and Picker Making.



### VITAL STATISTICS.

|             |   |              |        |    |    |   |
|-------------|---|--------------|--------|----|----|---|
|             |   |              | Total. | M. | F. |   |
| Live Births | { | Legitimate   | 95     | 47 | 48 | } Birth-rate per 1000 of the<br>estimated resident popula-<br>tion : 13·6 |
|             |   | Illegitimate | 5      | 4  | 1  |   |
|             |   | Total        | 100    | 51 | 49 |   |

|              |     |     |     |   |   |   |   |
|--------------|-----|-----|-----|---|---|---|---|
| Still Births | ... | ... | ... | 4 | 2 | 2 | Rate per 1000 Total (live<br>and stillbirths) ... .. 38 |
|--------------|-----|-----|-----|---|---|---|---|

|        |     |    |     |     |     |    |    |   |
|--------|-----|----|-----|-----|-----|----|----|---|
| Deaths | ... | .. | ... | ... | 155 | 81 | 74 | Death-rate per 1000 of the<br>estimated resident popu-<br>lation ... .. *21·1 |
|--------|-----|----|-----|-----|-----|----|----|---|

|                               |     |     |     |     |     |        |  |
|-------------------------------|-----|-----|-----|-----|-----|--------|--|
| Deaths from Puerperal causes— |     |     |     |     |     |        |  |
|                               |     |     |     |     |     | Deaths | Death-rate per 1000 Total<br>(live and still) births |
| Puerperal sepsis              | ... | ... | ... | ... | —   | —      | —  |
| Other puerperal causes        | ... | ... | ... | ... | —   | —      | —  |
| Total                         | ... | ... | ..  | ... | ... | ...    | —  |

#### Death-rate of Infants under one year of age :

|  |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|
| Death-rate : 8 Males, 1 Female                         | ... | ... | ... | ... | ... | ... | ... | 9   |
| Legitimate deaths                                      | ... | ... | ... | ... | ... | ... | ... | 8   |
| Illegitimate deaths                                    | ... | ... | ... | ... | ... | ... | ... | 1   |
| All infants per 1000 live births...                    | ... | ... | ... | ... | ... | ... | ... | 90  |
| Legitimate infants per 1000 legitimate live births     | ... | ... | ... | ... | ... | ... | ... | 84  |
| Illegitimate infants per 1000 illegitimate live births | ... | ... | ... | ... | ... | ... | ... | 200 |

|   |    |
|---|----|
| Deaths from Cancer (all ages)               | 17 |
| Deaths from Measles (all ages)              | 0  |
| Deaths from Whooping Cough (all ages)       | 1  |
| Deaths from Diarrhœa (under 2 years of age) | 1  |

| Population 7,312<br>Mid 1940 |     | Per 1000 of Estimated Population |                         |  |                                  | Maternal<br>Mortality Rate |  | Rate of<br>Deaths<br>under<br>1 year<br>per 1000<br>Live Births |
|------------------------------|-----|----------------------------------|-------------------------|--|----------------------------------|----------------------------|--|---|
|                              |     | Live<br>Birth-<br>rate           | Crude<br>Death-<br>rate | Death-rate<br>from<br>Tuberculosis<br>of Respiratory<br>System | Death-<br>rate<br>from<br>Cancer | Per 1000<br>Live Births    | Per 1000<br>total (live<br>and still) Births |   |
| 1939                         | ... | 13·9                             | 14·6                    | 0·39   | 2·51                             | Nil                        | Nil  | 76  |
| <b>1940</b>                  | ... | 13·6                             | *21·1                   | 0·95   | 2·32                             | Nil                        | Nil  | 90  |
| Previous Year—               |     | 0·3                              | +6·5                    | +0·56  | —0·19                            | Nil                        | Nil  | +14   |

\*1940 adjusted death-rate (comparability factor 0·95)=20·04 per 1,000.

## NOTIFIABLE DISEASES (other than Tuberculosis)

DURING THE YEAR 1940.

| DISEASE   | CASES NOTIFIED                   |                   |     |     |      |       |       |       |       |                 | HOSPITAL                              |   |           |
|---|----------------------------------|-------------------|-----|-----|------|-------|-------|-------|-------|-----------------|---------------------------------------|---|-----------|
|   | Total<br>Cases<br>at all<br>Ages | AGE PERIODS—YEARS |     |     |      |       |       |       |       | Total<br>deaths | Total cases<br>removed to<br>Hospital | Deaths in<br>Hospital of per-<br>sons belonging<br>to district. |           |
|   |                                  | Under 1           | 1-3 | 3-5 | 5-10 | 10-15 | 15-20 | 20-35 | 35-45 |                 |                                       |   | 65 & over |
| Smallpox ... ..   | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Scarlet Fever ... ..  | 1                                | ...               | 1   | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | 1   | ...       |
| Diphtheria, (including<br>Membranous Croup) ...                     | 6                                | ...               | 1   | ... | 2    | 1     | ...   | 1     | 1     | ...             | ...                                   | 6   | ...       |
| Enteric Fever (including<br>Paratyphoid)... ..                      | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Acute Primary Pneumonia ... }                                       | 3                                | ...               | ... | ... | ...  | ...   | ...   | 2     | 1     | 8               | ...                                   | ...   | ...       |
| Acute Influenzal Pneumonia... }                                     |                                  |                   |     |     |      |       |       |       |       |                 |                                       |   |           |
| Puerperal Fever ... ..  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Puerperal Pyrexia ... ..  | 1                                | ...               | ... | ... | ...  | ...   | ...   | 1     | ...   | ...             | ...                                   | 1   | ...       |
| Cerebro-Spinal Fever ...  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Pneumococcal Meningitis..   | 1                                | ...               | ... | 1   | ...  | ...   | ...   | ...   | ...   | 2               | ...                                   | ...   | ...       |
| Acute Poliomyelitis... ..   | 1                                | ...               | ... | 1   | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | 1   | ...       |
| Acute Polio-Encephalitis...   | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Encephalitis Lethargica...  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Dysentery ... ..  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Ophthalmia Neonatorum...  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Erysipelas ... ..   | 9                                | ...               | ..  | 1   | ...  | ...   | 1     | 2     | 4     | 1               | ...                                   | 1   | ...       |
| Malaria { Contracted in<br>this Country ...                         | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Abroad .....  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Any other diseases <i>notifiable</i> in<br>district, <i>e.g.</i> :— |                                  |                   |     |     |      |       |       |       |       |                 |                                       |   |           |
| Chicken-Pox ... ..  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Measles, excluding<br>German measles ...                            | 105                              | ...               | 31  | 35  | 35   | 3     | ...   | ...   | 1     | ...             | ...                                   | 1   | ...       |
| Whooping Cough ... ..   | 4                                | 2                 | 2   | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Any other disease ... ..  | ...                              | ...               | ... | ... | ...  | ...   | ...   | ...   | ...   | ...             | ...                                   | ...   | ...       |
| Totals ... ..   | 131                              | 2                 | 35  | 38  | 37   | 4     | 1     | 4     | 8     | 2               | 10                                    | 11  | ...       |

## CAUSES OF DEATH.

| ALL CAUSES ... ..  |     |     |     |     |     |     |     | M.<br>81 | F.<br>74 |
|--|-----|-----|-----|-----|-----|-----|-----|----------|----------|
| Enteric fever ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Small-pox ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Measles ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Scarlet fever ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Whooping cough ... ..  | ... | ... | ... | ... | ... | ... | 1   | ..       | ...      |
| Diphtheria ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Influenza ... ..   | ... | ... | ... | ... | ... | ... | 3   | 4        | ...      |
| Meningococcal meningitis ... ..                                | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Respiratory Tuberculosis ... ..                                | ... | ... | ... | ... | ... | ... | 3   | 4        | ...      |
| Other Tuberculosis ... ..                                      | ... | ... | ... | ... | ... | ... | 3   | ...      | ...      |
| Cancer ... ..  | ... | ... | ... | ... | ... | ... | 13  | 4        | ...      |
| Rheumatic fever ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Diabetes ... ..  | ... | ... | ... | ... | ... | ... | ... | 1        | ...      |
| Cerebral hæmorrhage ... ..                                     | ... | ... | ... | ... | ... | ... | 11  | 10       | ...      |
| Heart disease ... ..   | ... | ... | ... | ... | ... | ... | 14  | 22       | ...      |
| Other circulatory diseases ... ..                              | ... | ... | ... | ... | ... | ... | 4   | 10       | ...      |
| Bronchitis ... ..  | ... | ... | ... | ... | ... | ... | 6   | 5        | ...      |
| Pneumonia (all forms) ... ..                                   | ... | ... | ... | ... | ... | ... | 4   | 2        | ...      |
| Other respiratory diseases ... ..                              | ... | ... | ... | ... | ... | ... | 1   | 1        | ...      |
| Peptic ulcer ... ..  | ... | ... | ... | ... | ... | ... | ... | 1        | ...      |
| Diarrhœa, &c. (under 2 years) ... ..                           | ... | ... | ... | ... | ... | ... | 1   | ...      | ...      |
| Appendicitis ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Liver diseases ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Other digestive diseases ... ..                                | ... | ... | ... | ... | ... | ... | ... | 2        | ...      |
| Nephritis ... ..   | ... | ... | ... | ... | ... | ... | 2   | 3        | ...      |
| Encephalitis Lethargica ... ..                                 | ... | ... | ... | ... | ... | ... | 1   | ...      | ...      |
| Syphilis ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Endocarditis and Premature Birth, etc. ... ..                  | ... | ... | ... | ... | ... | ... | 2   | ...      | ...      |
| Other accidents and diseases of pregnancy & parturition ... .. | ... | ... | ... | ... | ... | ... | 1   | 1        | ...      |
| Suicide ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Road Traffic Accidents ... ..                                  | ... | ... | ... | ... | ... | ... | 3   | ...      | ...      |
| Other deaths from violence ... ..                              | ... | ... | ... | ... | ... | ... | ... | 2        | ...      |
| Other defined causes ... ..                                    | ... | ... | ... | ... | ... | ... | 8   | 2        | ...      |
| Ill-defined or not known ... ..                                | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Poliomyelitis ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Polioencephalitis ... ..                                       | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| Deaths of Infants under 1 year ... ..                          | ... | ... | ... | ... | ... | ... | 8   | 1        | ...      |
| { Total ... ..   | ... | ... | ... | ... | ... | ... | 7   | 1        | ...      |
| { Legitimate ... ..  | ... | ... | ... | ... | ... | ... | 1   | ...      | ...      |
| { Illegitimate ... ..  | ... | ... | ... | ... | ... | ... | 51  | 49       | ...      |
| { Total ... ..   | ... | ... | ... | ... | ... | ... | 47  | 48       | ...      |
| { Legitimate ... ..  | ... | ... | ... | ... | ... | ... | 4   | 1        | ...      |
| { Illegitimate ... ..  | ... | ... | ... | ... | ... | ... | 2   | 2        | ...      |
| { Total ... ..   | ... | ... | ... | ... | ... | ... | 2   | 2        | ...      |
| { Legitimate ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| { Illegitimate ... ..  | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| LIVE BIRTHS ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| STILLBIRTHS ... ..   | ... | ... | ... | ... | ... | ... | ... | ...      | ...      |
| POPULATION (RESIDENT) ... 7312                                 |     |     |     |     |     |     |     |          |          |
| COMPARABILITY FACTOR 0.95                                      |     |     |     |     |     |     |     |          |          |

## INFANT MORTALITY.

DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER 1 YEAR OF AGE

| CAUSES OF DEATH.                           |  |  |  | Under 1 Week | 1-2 Weeks | 2-3 Weeks | 3-4 Weeks | Total under 1 Month | 1-3 Months | 3-6 Months | 6-9 Months | 9-12 Months | Total Deaths under One Year. |
|--|--|--|--|--------------|-----------|-----------|-----------|---------------------|------------|------------|------------|-------------|------------------------------|
| All Causes.                                |  |  |  | 2            | 0         | 1         | 2         | 5                   | 1          | 1          | ...        | 2           | 9                            |
| { Certified                                |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Uncertified                              |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Small-pox ...                            |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Chicken-pox ...                          |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Measles ...                              |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Scarlet Fever ...                        |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Diphtheria and Croup ...                 |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Whooping Cough... ..                     |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Diarrhoea ... ..                         |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Enteritis ... ..                         |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Tuberculous Meningitis... ..             |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Abdominal Tuberculosis... ..             |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Other Tuberculous Disease ... ..         |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Congenital Malformations ... ..          |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Premature Birth ... ..                   |  |  |  | 2            | ...       | ...       | 1         | 3                   | ...        | ...        | ...        | ...         | 3                            |
| { Atrophy, Debility ... ..                 |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Marasmus... ..                           |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Atelectasis ... ..                       |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Injury at Birth ... ..                   |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Erysipelas ... ..                        |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Syphilis ... ..                          |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Rickets ... ..                           |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Meningitis <i>not Tuberculous</i> ... .. |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | 1           | 1                            |
| { Convulsions ... ..                       |  |  |  | ...          | ...       | ...       | ...       | ...                 | 1          | ...        | ...        | ...         | 1                            |
| { Gastritis ... ..                         |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Laryngitis ... ..                        |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Bronchitis ... ..                        |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | 1           | 1                            |
| { Pneumonia (all forms) ... ..             |  |  |  | ...          | ...       | 1         | 1         | 2                   | ...        | 1          | ...        | ...         | 3                            |
| { Suffocation... ..                        |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Influenza ... ..                         |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Endocarditis ... ..                      |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Pemphigus... ..                          |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| { Accident ... ..                          |  |  |  | ...          | ...       | ...       | ...       | ...                 | ...        | ...        | ...        | ...         | ...                          |
| Total.....                                 |  |  |  | 2            | 0         | 1         | 2         | 5                   | 1          | 1          | 0          | 2           | 9                            |

Births { legitimate... 95 }  
 { illegitimate 5 } 100

Deaths { legitimate infants, 8 }  
 { illegitimate infants, 1 } 9

TUBERCULOSIS.  
NEW CASES AND MORTALITY DURING 1940.

| Age Periods     | NEW CASES.  |     |                 |     | DEATHS.     |     |                 |     |
|-----------------|-------------|-----|-----------------|-----|-------------|-----|-----------------|-----|
|                 | Respiratory |     | Non-Respiratory |     | Respiratory |     | Non-Respiratory |     |
|                 | M.          | F.  | M.              | F.  | M.          | F.  | M.              | F.  |
| 0—1 year .....  | ...         | ... | ...             | ... | ...         | ... | ...             | ... |
| 1—5 „ .....     | ...         | ... | ...             | ... | ...         | ... | ...             | ... |
| 5—10 „ .....    | ...         | ... | 2               | 1   | ...         | ... | ...             | ... |
| 10—15 „ .....   | ...         | 1   | 1               | 1   | ...         | 1   | 1               | ... |
| 15—20 „ .....   | ...         | ... | ...             | ... | ...         | ... | ...             | ... |
| 20—25 „ .....   | ...         | 1   | ...             | ... | ...         | 1   | ...             | ... |
| 25—35 „ .....   | 1           | ... | 1               | ... | ...         | ... | ...             | ... |
| 35—45 „ .....   | ...         | ... | ...             | ... | ...         | ... | ...             | ... |
| 45—55 „ .....   | 1           | ... | ...             | ... | 1           | ... | ...             | ... |
| 55—65 „ .....   | ...         | 1   | 1               | ... | ...         | ..  | 1               | ... |
| 65 and upwards. | ...         | 1   | ...             | ... | ...         | 1   | ...             | ... |
| Totals ... ..   | 2           | 4   | 5               | 2   | 1           | 3   | 2               | 0   |
|                 | 6           |     | 7               |     | 4           |     | 2               |     |
|                 | 13          |     |                 |     | 6           |     |                 |     |
| Total 1939 ...  | 6           | 5   | 0               | 2   | 2           | 0   | 1               | 0   |
|                 | 11          |     | 2               |     | 2           |     | 1               |     |

The following is a list of the occupations, if any, followed by notified cases during the year 1940.

|                         | Pulmonary | Non-Pulmonary |
|-------------------------|-----------|---------------|
| Cotton operatives ..... | 2         | —             |
| Firebeater .....        | 1         | —             |
| Housewives .....        | 2         | —             |
| Shop Assistant .....    | 1         | —             |
| School Children .....   | —         | 5             |
| Quarry Workers .....    | —         | 1             |
| Textile Machinist ..... | —         | 1             |
|                         | 6         | 7             |



## GENERAL NOTES.

The **Birth Rate** is 13·6 as compared with 13·9 in 1939. The sex incidence is Males 51, Females 49.

The **Death Rate** is 21·1 (crude) as compared with 14·6 in 1939. The sex incidence is Males 81, Females 74. The increase is due to the older age groups.

The figures for **Infantile Mortality** show a rate of 90. This compares with 76 for 1939. The increase represents one additional death on a slightly reduced Birth Rate.

The **Maternal Mortality Rate** for the year is NIL.

The children of the district are cared for at the Lancashire County Council School Clinic and come under the supervision of the Medical Officer of Health, who also carries out the duties of School Medical Officer.

School children attend for dental treatment also at the Lancashire County Council School Clinic. The service is much appreciated, as shown by the numbers who come in for treatment.

The Child Welfare Clinic has also a very large number of mothers and babies attending each weekly session, which is a very satisfactory feature

## INFECTIOUS DISEASES.

**Smallpox.** Hospital accommodation is provided at the Bury and District Joint Hospital.

**Other Infectious Diseases.** Agreement with the County Borough of Rochdale for the treatment of these diseases at Marland Hospital.

**Ambulance Facilities.** Infectious cases are provided with an Ambulance by the Hospital. Non-infectious cases by the County Borough of Rochdale.

**Pathological and Bacteriological Examination** of specimens is carried out at St. Alban's Laboratory, Rochdale.

The total number of cases notified is 131 as compared with 35 for the year 1939. The large increase is due to the number of cases of Measles and Whooping Cough, these two diseases having been made notifiable during the year.

**Diphtheria** notifications show a decrease, and in each instance the patient was sent to Hospital for treatment.

Regarding the **Scarlet Fever** cases, provided isolation and intelligent nursing at home are available, the majority are kept at home.

No cases of **Ophthalmia Neonatorum** were notified during the year.

**School Closures** were not called for during the year for any reason.

## SANITARY CIRCUMSTANCES OF THE AREA.

### Water Supply.

The sources of supply are from the Rochdale and Bacup Corporation Reservoirs.

During the year 16 Bacteriological examinations and 12 Chemical analyses were made and the results were satisfactory in all cases.

### Rivers and Streams.

These are attended to by the Mersey and Irwell Joint Board.

## SANITARY INSPECTIONS.

The following is a statement of the Sanitary Inspections, etc., dealt with during the year.

|   |     |
|---|-----|
| Number of premises visited .....        | 182 |
| Number of nuisances found.....          | 54  |
| Number of nuisances abated .....        | 41  |
| Number of informal notices issued ..... | 32  |
| Number of statutory notices issued..... | 4   |

It was not found necessary to take legal proceedings in any case.

## FOOD AND DRUGS ACT, 1938.

During the early part of the year the County Police administered the provisions of the above Act, but the duties were later transferred to the County Council. No figures are available regarding the number or types of samples obtained.

## MILK AND DAIRIES ACTS, 1915-1922, and MILK AND DAIRIES ORDER, 1926.

Due to labour shortage and inability to obtain materials, only small progress has been made in the modernisation of shippon and dairy premises. This is a matter for regret owing to the importance of a pure and wholesome milk supply.

### Milk—Tuberculosis.

35 samples were submitted for detecting supplies of tuberculous milk, the samples representing the mixed milk of approximately 400 cows.

It is very satisfactory to report that all were negative.

School Milk in addition was sampled quarterly, and here again results were negative.

### Milk—Bacteriological.

17 samples were submitted for bacterial count and coliform bacillus, and of this number, compared with the Accredited Milk standards, six were not satisfactory. These were followed up by visits to the farms and suggestions put forward for an improvement.

## PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

There are seven licensed slaughterhouses in the district but under the Government Slaughter Scheme cattle are slaughtered outside the area.

## OFFENSIVE TRADES.

There are two in the area, 1 Tripe Boiling and 1 Hide Curing. Both are carried on in a satisfactory manner.

## SANITARY ACCOMMODATION.

The sanitary accommodation is as follows :—

|   |      |
|---|------|
| Fresh Water Closets .....                           | 1801 |
| Waste Water Closets .....                           | 165  |
| Pail Closets .....                                  | 65   |
| No. of houses on the Water<br>Carriage system ..... | 2523 |



The 65 Pail Closets existing are situated at the following premises :—

|                           |    |
|---------------------------|----|
| Dwelling-houses .....     | 37 |
| Mills and Workshops ..... | 10 |
| Farms .....               | 7  |
| Churches, etc.....        | 11 |

### PUBLIC CLEANSING.

The methods of scavenging of the district have been carried out on similar lines to last year. The collection of nightsoil is dealt with by motor waggon fitted with a special tank, and the domestic refuse collected weekly by motor waggon. The refuse is disposed of by controlled tipping and no complaint as to any nuisance from the tip was received.

### SALVAGE OF WASTE MATERIALS.

By a direction under the Defence (General) Regulations, 1939, the Council was made responsible for the salvage and collection of Paper (including cardboard), Metals and Household Bones.

The following shows the tonnage of materials dealt with under the Salvage Scheme :—

|                             | Tons | Cwts. |
|-----------------------------|------|-------|
| Paper.....                  | 37   | 2     |
| Black Scrap (Iron) .....    | 10   | 14    |
| Baled Tins.....             | 22   | 15    |
| Non-ferrous Metals .....    | 1    | 0     |
| Textiles (Rags, etc.) ..... | 1    | 18    |
| Bottles and Jars ... ..     | 5    | 12    |
| Household Bones .....       | 1    | 0     |

The following gives the details and cost of collection and disposal :—

|                                     |            |
|-------------------------------------|------------|
| Loads removed .....                 | 990        |
| Cost per load .....                 | £1 0s. 7d. |
| Refuse in tons (estimated) .....    | 2480       |
| Cost per ton .....                  | 8/3d.      |
| Number of houses and premises ..... | 2600       |
| Cost per house per annum ..         | 7/1d.      |
| Average length of haul .....        | 1½ miles   |

## SEWAGE WORKS.

The method of treatment is by precipitation tanks, continuous filters and humus tanks. Four samples of effluent were taken by the Rivers Inspector, and in each instance was classed "satisfactory."

During the year 1388 pressfuls of sludge have been dealt with, representing in dry cake weight 490 tons. A large proportion of the cake was disposed of to farmers.

Small improvements have been carried out, but the concrete work of the tanks, etc., is breaking and will require large repairs as soon as labour and conditions permit.



